California Intercity Rail Capital Program S u m m a r y

Pacific Surfliner Route

San Luis Obispo-Santa Barbara-Los Angeles-San Diego

San Joaquin Route

Bay Area/Sacramento-Fresno-Bakersfield-Los Angeles

Capitol Corridor

Auburn-Sacramento-Oakland-San Jose

Other Routes

Maintenance and Layover Facilities

Rolling Stock

State of California
Department of Transportation
September 1, 2002



GRAY DAVIS, Governor
MARIA CONTRERAS-SWEET, Secretary
Business, Transportation and Housing
Agency
JEFF MORALES, Director

California Department of Transportation

Section A1: Pacific Surfliner Route - North

San Luis Obispo-Santa Barbara-Los Angeles

SUMMARY OF <i>PACIFIC SURFLINER ROUTE</i> - NORTH PROJECTS	Amount
STATION PROJECTS	
SAN LUIS OBISPO Station	\$ 3,935,276
GROVER BEACH Station	\$ 1,843,191
GUADALUPE Station	\$ 724,060
SURF Station	\$ 1,088,000
GOLETA Station	\$ 810,719
SANTA BARBARA Station	\$ 8,942,424
CARPINTERIA Station	\$ 606,096
VENTURA Station	\$ 635,912
OXNARD Station	\$ 5,911,895
CAMARILLO Station	\$ 10,784,525
MOORPARK Station	\$ 4,350,714
SIMI VALLEY Surveyor Street Station	\$ 324,500
SIMI VALLEY Metrolink Station	\$ 4,274,588
CHATSWORTH Station	\$ 19,260,851
VAN NUYS Station	\$ 9,498,044
BURBANK AIRPORT Station	\$ 2,802,298
GLENDALE Station	\$ 18,619,276
LOS ANGELES Union Station For this station, see Section A2, Pacific Surfliner Route-South	
Multiple Station Projects	\$ 8,457,206
TOTAL ALL STATION PROJECTS	\$ 102,869,575
TRACK AND SIGNAL PROJECTS	
San Luis Obispo Control Point - Signal Improvements	\$ 1,100,000
San Luis Obispo CTC Extension	\$ 2,000,000
Grover Beach Siding/Coast Route Track Imps.	\$ 5,000,000
Bromella Yard Tracks	\$ 987,991
Santa Barbara County Siding	\$ 4,200,000
TRACK AND SIGNAL PROJECTS continued on next page	

Section A1: Pacific Surfliner Route - North

San Luis Obispo-Santa Barbara-Los Angeles

SUMMARY OF PACIFIC SURFLINER ROUTE - NORTH PROJECTS (continued)	Amount
TRACK AND SIGNAL PROJECTS (continued)	
Gaviota Siding Upgrade	\$ 1,800,000
Ellwood-Seacliff Track and Signal Improvements	\$ 12,742,610
Goleta-Moorpark Track and Signal Improvements	\$ 34,003,000
Goleta - Los Angeles Wood Tie Replacement	\$ 1,503,000
Goleta - Los Angeles Culvert and Bridge Replacement	\$ 650,000
Santa Barbara Crossover	\$ 1,000,000
Ventura County Grade Crossing Monitoring System	\$ 15,912
Ventura County Turnout and Joint Upgrade	\$ 1,449,000
Montalvo Wye Track and Signal Improvements	\$ 1,005,000
Oxnard Siding Improvements	\$ 2,276,870
Oxnard - Los Angeles Track and Signal Improvements	\$ 4,928,094
Moorpark Siding Upgrade	\$ 800,000
Moorpark Turnout Rehabilitation	\$ 637,185
Moorpark - Strathearn Siding Rail Replacement	\$ 3,026,991
Moorpark-Simi Valley Wood Tie Replacement	\$ 1,156,412
Moorpark - Simi Valley Crossing Improvements	\$ 700,000
Moorpark - Simi Valley Rail Replacement	\$ 4,000,000
Moorpark - Chatsworth Rail and Tie Replacement	\$ 1,020,000
Moorpark-Burbank Signal Improvements	\$ 14,183,000
Moorpark-Burbank Track and Signal Improvements	\$ 1,492,000
Moorpark-Los Angeles Track and Signal Improvements	\$ 18,914,000
Arroyo Simi Bridge Improvements	\$ 890,000
Strathearn Siding	\$ 5,200,000
Hasson Siding	\$ 7,421,222
Santa Susana Tunnel #26 Upgrade	\$ 14,152,000
TRACK AND SIGNAL PROJECTS continued on next page	

Section A1: Pacific Surfliner Route - North

San Luis Obispo-Santa Barbara-Los Angeles

SUMMARY OF PACIFIC SURFLINER ROUTE - NORTH PROJECTS (continued)	Amount
TRACK AND SIGNAL PROJECTS (continued)	
Replace 9 Switch Machines	\$ 216,500
Ventura/LA County Line - Burbank Tie Replacement	\$ 600,000
Santa Susana Tunnel #27 Concrete Slope and Steel Sets	\$ 1,485,000
Santa Susana Tunnels 26/27/28 Radio Upgrade	\$ 250,000
Santa Susana Tunnels 26/27/28 Drainage Improvements	\$ 150,000
Chatsworth Track and Station Improvements	\$ 4,485,611
Chatsworth - Bridge Replacement	\$ 255,204
Chatsworth - Van Nuys Road Crossing Rehabilitation	\$ 1,686,433
Northridge Turnout Replacement	\$ 240,000
Northridge Siding Turnout Rehabilitation	\$ 61,525
Northridge Bridge Replacement	\$ 333,289
Van Nuys and CP Raymer - New Crossover	\$ 1,000,000
Raymer-Burbank Track and Signal Improvements	\$ 16,885,000
Burbank Airport Crossovers	\$ 1,755,000
Burbank Junction Concrete Ties	\$ 150,000
Burbank Junction Road Radio Upgrade	\$ 20,000
Burbank Junction - Los Angeles Track Improvements	\$ 22,943,000
CP Allen (Glendale) Crossover	\$ 3,000,000
Glendale Slide Siding	\$ 678,000
CP Dayton Track Improvements	\$ 2,092,629
River Corridor (North of LA) Track and Signal Imps	\$ 10,140,686
Mission Plant Trackwork	\$ 9,840,000
Mission Tower-Dayton Tower Track and Signal Imps	\$ 5,126,000
General Track and Signal Projects	\$ 3,064,272
TOTAL ALL TRACK AND SIGNAL PROJECTS	\$ 234,712,436
TOTAL PACIFIC SURFLINER ROUTE - NORTH STATION, TRACK & SIGNAL PROJECTS	\$ 337,582,011

Section A2: Pacific Surfliner Route - South

Los Angeles-San Diego

CHAMADY OF DACIFIC CURTINED DOLLER COUTH DOOLFOTC		
SUMMARY OF PACIFIC SURFLINER ROUTE - SOUTH PROJECTS	Amount	
STATION PROJECTS		
LOS ANGELES Union Station	\$	38,997,422
FULLERTON Station	\$	14,084,492
ANAHEIM Station	\$	4,948,669
SANTA ANA Station	\$	12,938,828
IRVINE Station	\$	21,508,792
SAN JUAN CAPISTRANO Station	\$	516,501
SAN CLEMENTE PIER Station	\$	114,727
OCEANSIDE Station	\$	17,642,078
SOLANA BEACH Station	\$	9,823,152
SAN DIEGO Station	\$	1,294,084
Multiple Station Projects	\$	8,082,332
TOTAL ALL STATION PROJECTS	\$	129,951,077
TRACK AND SIGNAL PROJECTS		
Los Angeles Union Station Fifth Lead Track	\$	5,064,000
Los Angeles Union Station and Track Improvements	\$	19,642,000
Los Angeles Union Station Run Through Tracks	\$	28,065,000
Los Angeles - Fullerton Triple Track	\$	66,936,000
Terminal Tower Interlocking Improvements	\$	13,250,000
Central Control Facility Relocation	\$	2,500,000
Los Angeles Consolidated Signal System	\$	11,041,000
Mission Tower-Redondo Junction Industry Track	\$	800,000
River Corridor Track and Signal Imps - South of LA	\$	3,216,000
Redondo JctAlameda Corridor Flyover	\$	114,138,899
Commerce Track Improvements	\$	2,868,000
Los Angeles County Grade Crossing Improvements	\$	1,200,000

Los Angeles-Fullerton Track Improvements	\$	18,668,310
Bandini to DT Junction-Third Main Track	\$	17,700,000
Santa Fe Springs Grade Crossing Improvements	\$	115,999
TRACK AND SIGNAL PROJECTS continued on next page		
SUMMARY OF PACIFIC SURFLINER ROUTE - SOUTH PROJECTS (continued)		Amount
TRACK AND SIGNAL PROJECTS (continued)		
DT Junction to La Mirada Third Track	\$	8,000,000
La Mirada to Basta Third Track	\$	2,900,000
Data Radio/Electronic Coded Track Circuits	\$	7,223,624
Orange County Signal Improvements	\$	257,690
Orange County Track Improvements	\$	1,178,295
Orange County Track and Signal - Improvements	\$	150,000
Orange County Double & Triple Track	\$	29,500,000
Anaheim Road Crossings - La Palma and State College	\$	486,059
Fullerton-Orange Track and Signal Imps - Area A	\$	32,245,000
Fullerton-Santa Ana Rail Replacement - Phase I	\$	8,000,000
Orange-Santa Ana Track and Signal Imps - Area B	\$	4,022,000
Orange - Santa Ana Track Improvements	\$	360,000
Lincoln Avenue Double Track	\$	14,829,000
Santa Ana-Galivan Track and Signal Imps - Area D	\$	40,153,000
Santa Ana-San Juan Capistrano Rail Replacement -Phase II	\$	11,000,000
Orange County Track Improvements	\$	600,000
Santa Ana Block Signal	\$	207,000
Santa Ana Pedestrian Bridge	\$	5,500,000
Tustin Turnout (South of I-55) Rehabilitation	\$	147,928
Peter's Canyon Bridge (Tustin)	\$	650,000
Tustin Turnout Replacement	\$	97,335
Irvine Siding	\$	3,540,000
Irvine Crossover	\$	1,800,000
Irvine (Borrego Canyon Wash) Bridge Replacement	\$	760,000
Lake Forest (El Toro Road) Radio Upgrade	\$	20,000

Mission Viejo (Oso Creek) Bridge Replacement	\$	679,800
Mission Viejo - Orange/San Diego County Line Track Imps	\$	1,537,387
TRACK AND SIGNAL PROJECTS continued on next page		
SUMMARY OF PACIFIC SURFLINER ROUTE - SOUTH PROJECTS (continued)		Amount
TRACK AND SIGNAL PROJECTS (continued)		
San Juan Capistrano Turnout Replacement	\$	132,135
San Juan Capistrano (San Juan Creek) Bridge Lead Remediation	\$	678,650
San Juan Capistrano-Sorrento Rail Replacement - Phase III	\$	15,000,000
Cassidy Brothers Crossing (Serra Siding)	\$	30,000
Serra-San Onofre Track and Signal Imps - Area E	\$	2,594,000
San Clemente Bridge Replacement	\$	255,204
San Clemente Track Improvements	\$	1,337,633
Environmental Documentation for San Diego County Rail Upgrades	\$	2,498,000
San Diego County Double Track	\$	16,052,000
San Onofre Siding Track Improvements	\$	5,600,000
Culvert Replacements	\$	588,000
Las Pulgas Siding	\$	2,028,957
CP Flores-CP O'Neil (San Clemente) Double Track	\$	5,000,000
CP Stuart-CP Mesa Second Main Track	\$	4,089,341
Santa Margarita Bridge & Construct Second Main Track	\$	2,500,000
Fallbrook Siding Improvements	\$	1,750,000
Oceanside Siding	\$	1,727,030
Oceanside Double Track	\$	6,000,000
San Diego County Signage	\$	60,000
San Diego County Grade Crossing Improvements	\$	1,013,367
Carlsbad Village Station Signal Replacement	\$	242,880
Tamarack Avenue Grade Crossing (near Carlsbad)	\$	69,122
Poinsettia Siding	\$	3,766,219
Encinitas Double Track	\$	3,017,370
Lomas Santa Fe Grade Separation	\$	20,880,415
TRACK AND SIGNAL PROJECTS continued on next page		

SUMMARY OF PACIFIC SURFLINER ROUTE - SOUTH PROJECTS (continued)	Amount	
TRACK AND SIGNAL PROJECTS (continued)		
Del Mar Siding	\$ 1,596,689	
McGonigle Bridge	\$ 449,093	
Del Mar Bluffs Drainage	\$ 1,787,256	
Del Mar Bluffs Stabilization	\$ 9,400,000	
San Dieguito River Bridge Repairs	\$ 385,273	
San Dieguito River Bridge - Design and Engineering	\$ 855,000	
Sorrento Siding Improvements	\$ 994,044	
Sorrento-Miramar Double Track	\$ 31,717,600	
Sorrento-Old Town Rail Replacement - Phase IV	\$ 16,200,000	
Mirimar Hills Rerailing	\$ 1,994,115	
False Bay Passing Track	\$ 7,820,000	
Old Town-San Diego Rerailing	\$ 69,890	
Old Town-San Diego Track and Signal Improvements	\$ 9,502,098	
General Track and Signal Projects	\$ 3,285,168	
TOTAL ALL TRACK AND SIGNAL PROJECTS	\$ 664,015,875	
TOTAL ALL PACIFIC SURFLINER ROUTE - SOUTH STATION, TRACK & SIGNAL PROJECTS	\$ 793,966,952	

Section B: *San Joaquin Route*Bay Area/Sacramento-Fresno-Bakersfield-Los Angeles

bay Area/Sacramento-Fresho-bakersheid-Los Angeles		
SUMMARY OF <i>SAN JOAQUIN ROUTE</i> PROJECTS		Amount
STATION PROJECTS		
OAKLAND JACK LONDON SQUARE Station	\$	20,319,077
SAN FRANCISCO - 4th AND TOWNSEND Bus Station	\$	9,000
SAN FRANCISCO - FERRY BUILDING Bus Station	\$	584,842
EMERYVILLE Station	\$	20,383,540
RICHMOND Station	\$	21,924,408
MARTINEZ Station	\$	33,407,957
ANTIOCH Station	\$	666,013
SACRAMENTO For this station see Section C, Capitol Corridor		
LODI Station	\$	9,760,086
STOCKTON BNSF Station	\$	8,115,107
STOCKTON-ACE SP Station	\$	4,400,000
ELK GROVE Station	\$	800,000
RIVERBANK Station	\$	534,091
MODESTO Station	\$	2,768,818
DENAIR Station	\$	469,271
MERCED Station	\$	2,546,549
MADERA Station Improvements(Ave 15 1/2 and 29th)	\$	192,568
MADERA Station (County Club Dr.)	\$	800,000
FRESNO Station	\$	7,667,190
HANFORD Station	\$	2,276,944
CORCORAN Station	\$	1,220,600
ALLENSWORTH Station	\$	20,000
WASCO Station	\$	603,722
BAKERSFIELD Station	\$	15,953,211
Total Multiple Station Projects	\$	673,830
TOTAL ALL STATION PROJECTS	\$	156,096,824

INTERCITY RAIL CAPITAL PROGRAM Section B: San Joaquin Route Bay Area/Sacramento-Fresno-Bakersfield-Los Angeles TRACK AND SIGNAL PROJECTS Oakland-Embarcadero Street 3rd Main Track \$ 29,876 Emeryville - Martinez Track and Signal Improvements 16,376,109 Martinez Grade Crossing Consolidation 220,000 \$ Martinez-Port Chicago Track and Signal Improvements 6,892,528 5,000,000 Port Chicago-Stockton Track Improvements \$ Port Chicago-Stockton Track and Signal Improvements 26,033,100 Pittsburg - Oakley Second Track \$ 33,900,000 Orwood Drawbridge Improvements 1,275,000 \$ San Joaquin Route Capacity Improvements 600,000 \$ Stockton-Escalon Double Track and Signal Improvements 62,574,900 \$ Signal System Improvements \$ 23,202,774 Sacramento-Stockton Track and Signal Improvements \$ 40,061,110 Stockton (American Street) Grade Crossing Closure \$ 70,843 Stockton Track Connection - Northeast Quadrant \$ 3,076,890 Stockton Track and Signal Improvements 8,600,000 Stockton Grade Separation \$ 751,373 Stockton-Fresno Track and Signal Improvements 7,350,800 \$ Stockton-Fresno Track Improvements 14,000,000 \$ **Empire Siding Reconfiguration** 8,668,680 Fresno County Grade Crossing Improvements \$ 1,472,046 Fresno County Grade Crossing Closures 360,000 Fresno Grade Crossing Signal Circuit Improvements \$ 941,000 Calwa Bowles Double Track and Signal Improvements 27,772,100 Fresno-Bakersfield Track and Signal Improvements \$ 20,828,100 Fresno-Bakersfield Track Improvements 13,000,000 \$ Shirley-Hanford Double Track and Signal Improvements \$ 22,770,700 Hanford-Guernsey Double Track and Signal Improvements \$ 6,156,100 Kern County Grade Crossing Improvements 627,482 \$ Second Main Track - Shafter to Jastro \$ 4,300,000 Bakersfield Track and Signal Improvements 1,400,000 Ride Quality Measurement System \$ 88,949 **Grade Crossing Improvements** \$ 1,210,072 TOTAL ALL TRACK AND SIGNAL PROJECTS 359,610,532 TOTAL ALL SAN JOAQUIN ROUTE STATION, TRACK & SIGNAL PROJECTS 515,707,356 Rolling Stock funded by San Joaquin Route Bond 116 funds is shown in the Rolling Stock section

Section C: *Capitol Corridor* Auburn-Sacramento-Oakland-San Jose

SUMMARY OF <i>CAPITOL CORRIDOR</i> PROJECTS		Amount
STATION PROJECTS		
AUBURN Station	\$	2,170,957
ROCKLIN Station	\$	2,030,181
ROSEVILLE Station	\$	1,619,104
SACRAMENTO Station	\$	8,280,014
DAVIS Station	\$	5,326,643
FAIRFIELD - PEABODY ROAD Station	\$	5,275,000
SUISUN-FAIRFIELD Station	\$	3,834,049
MARTINEZ Station For this station, See Section B, San Joaque	uin Route	
HERCULES Station	\$	6,000,000
RICHMOND Station For this station, See Section B, San Joaq		
BERKELEY Station	\$	1,677,120
EMERYVILLE Station	For these	
SAN FRANCISCO - FERRY BUILDING Bus Station	stations,	
	See section B,	
	an Joaquin Route	
OAKLAND COLISEUM Station	\$	4,607,000
HAYWARD Station	\$	1,145,000
FREMONT (Centerville) Station	\$	3,544,050
SANTA CLARA/GREAT AMERICA Station	\$	3,082,627
SAN JOSE Station	\$	26,501,042
Multiple Station Projects	\$	2,786,410
TOTAL ALL STATION PROJECTS	\$	77,879,197
TRACK AND SIGNAL PROJECTS listed on next page		

Section C: Capitol Corridor Auburn-Sacramento-Oakland-San Jose

Audurn-Sacramento-Oakiand-San Jose		
SUMMARY OF <i>CAPITOL CORRIDOR</i> PROJECTS		Amount
TRACK AND SIGNAL PROJECTS		
Auburn Area Track and Signal Improvements	\$	350,000
Placer County Signal Improvements	\$	500,000
Roseville - Sacramento Third Main Track	\$	6,980,000
Sacramento - Emeryville Track and Signal Improvements	\$	60,219,132
Sacramento - San Jose C-Plates	\$	20,701
Yolo Causeway Second Main Track	\$	22,800,000
Bahia Viaduct Track Upgrade	\$	2,250,000
Martinez-Oakland For this track segment, See Section B, San Joaquin Route		
Oakland - Santa Clara Track and Signal Improvements	\$	14,900,000
Oakland - San Jose Track and Signal Improvements	\$	42,200,000
Oakland - San Jose Coyote Creek Bridge	\$	70,000
Alviso Wetlands Environmental and Track Design	\$	200,000
Santa Clara-San Jose Fourth Main Track	\$	25,150,000
Harder Road Double Tracking	\$	600,000
Niles Junction-Newark Track Improvements	\$	10,664,740
TOTAL ALL TRACK AND SIGNAL PROJECTS	\$	186,904,573
TOTAL ALL CAPITOL CORRIDOR STATION, TRACK AND SIGNAL PROJECTS	\$	264,783,770
Rolling Stock funded by Capitol Corridor Bond 116 funds is shown in the Rolling Stock Secti	on	

Section D: Other Routes

Projects Not Located on Routes with State-Supported Train Service

	Amount
SUMMARY OF PROJECTS LOCATED ON OTHER ROUTES	
Coast Starlight Route	
CHICO Station	\$ 89,75
SALINAS Station	\$ 3,269,45
PASO ROBLES Station	\$ 2,242,88
Canyon Subdivision Reroute	\$ 5,595,00
TOTAL ALL PROJECTS - Coast Starlight Route	\$ 11,197,08
California Zephyr Route	
TRUCKEE Station	\$ 820,18
COLFAX Station	\$ 2,644,83
TOTAL ALL PROJECTS - California Zephyr Route	\$ 3,465,01
MONTEREY-SAN FRANCISCO Service	
PAJARO Station (Watsonville Junction)	\$ 1,500,00
MONTEREY BAY Station (Seaside/Marina)	\$ 3,200,00
Monterey-San Francisco General Projects	\$ 16,400,00
TOTAL ALL PROJECTS - Proposed Monterey-San Francisco Service	\$ 21,100,00
LAS VEGAS-LOS ANGELES Service	
Kelso-Cima Double Track	\$ 28,000,00
TOTAL ALL PROJECTS - Proposed Las Vegas-Los Angeles Service	\$ 28,000,00
Southwest Chief Route	
SAN BERNARDINO Station	\$ 12,447,11
VICTORVILLE Station	\$ 105,00
BARSTOW Station	\$ 12,331,75
NEEDLES Station Improvements	\$ 1,183,45
TOTAL ALL PROJECTS - Southwest Chief Route	\$ 26,067,32
Sunset Limited Route	
ONTARIO Station	\$ 645,45
PALM SPRINGS Station	\$ 2,138,92
TOTAL ALL PROJECTS - Sunset Limited Route	\$ 2,784,37
TOTAL ALL PROJECTS LOCATED ON OTHER ROUTES	\$ 92,613,80

Section E: Maintenance and Layover Facility Projects

	Amount
SUMMARY OF PROJECTS	
Pacific Surfliner Route	
SAN LUIS OBISPO Layover Facility	\$ 1,111,947
GOLETA Layover Facility	\$ 2,321,189
SANTA BARBARA Layover Facility	\$ 340,639
LOS ANGELES Maintenance Base	\$ 1,150,717
LOS ANGELES Locomotive Maintenance Facility	\$ 24,666,565
LOS ANGELES Railcar Service and Inspection Facility	\$ 16,131,000
SAN DIEGO Layover Point	\$ 103,328
NATIONAL CITY Layover Facility	\$ 33,000,000
TOTAL ALL PROJECTS - Pacific Surfliner Route	\$ 78,825,385
San Joaquin and Capitol Routes	
SAN JOSE (Pullman Way) Maintenance Facility	\$ 5,786,862
OAKLAND Maintenance Base	\$ 472,590
OAKLAND Maintenance Facility	\$ 56,095,950
BAKERSFIELD Layover Facility	\$ 62,770
COLFAX Layover Facility	\$ 7,64
AUBURN Layover Facility	\$ 684,31
ROSEVILLE Layover Facility	\$ 157,702
SACRAMENTO Layover Facility	\$ 944,234
TOTAL ALL PROJECTS - San Joaquin and Capitol Routes	\$ 64,212,070
TOTAL ALL MAINTENANCE AND LAYOVER FACILITY PROJECTS	\$ 143,037,455

Section F: Rolling Stock Projects

		Amount
SUMMARY OF PROJECTS		
Cars - State Owned	\$	230,123,145
Cars - Amtrak Owned	\$	244,248,494
TOTAL ALL CAR PROJECTS	\$	474,371,639
Locomotives - State Owned	\$	46,554,376
Locomotives - Amtrak Owned	\$	58,275,885
TOTAL ALL LOCOMOTIVE PROJECTS	\$	104,830,261
TOTAL ALL ROLLING STOCK PROJECTS	\$	579,201,900

Includes Rolling Stock funded by San Joaquin and Capitol Route Bond 116 funds